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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| In re patent application of:   | )                    |   |
|--------------------------------|----------------------|---|
| Eldon H. Nyhart, Jr.           | ) Before the Examine | r |
|                                | )                    |   |
| Serial No. 10/045,550          | )                    |   |
|                                | )                    |   |
| Filed: October 26, 2001        | )                    |   |
| •                              | )                    |   |
| MANUFACTURING METHODS FOR AN   | )                    |   |
| APPARATUS FOR THE CONTROLLABLE | ) March 7, 2002      |   |
| MODIFICATION OF COMPOUND       | )                    |   |
| CONCENTRATION IN A TUBE        | )                    |   |

### INFORMATION DISCLOSURE STATEMENT

Honorable Commissioner for Patents Washington, DC 20231

Sir:

Pursuant to the duty of disclosure embodied in 37 C.F.R. § 1.56, Applicant wishes to bring to the attention of the Examiner the following patents, publications and/or other information:

- 1. U.S. Patent No. 2,883,986 to De Luca et al. issued April 1959.
- 2. U.S. Patent No. 3,435,826 to Fogarty issued April 1969.
- 3. U.S. Patent No. 3,467,101 to Fogarty et al. issued September 1969.
- 4. U.S. Patent No. 3,570,476 to Gregg issued March 1971.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to the Honorable Commissioner for Patents, Washington, D.C. 20231 on March 7, 2002.

John V. Daniluck Name of Begistered Representat

Signature

Educate 22-2002

Date of Signature

Information Disclosure Statement Serial No. 10/045,550 Attorney Docket 3413-13 Page 1 of 7

- 5. U.S. Patent No. 3,901,829 to Slingluff et al. issued August 1975.
- 6. U.S. Patent No. 4,062,746 to Rich et al. issued December 1977.
- 7. U.S. Patent No. 4,156,066 to Gould issued May 1979.
- 8. U.S. Patent No. 4,156,067 to Gould issued May 1979.
- 9. U.S. Patent No. 4,195,637 to Gruntzig et al. issued April 1980.
- 10. U.S. Patent No. 4,271,839 to Fogarty et al. issued June 1981.
- 11. U.S. Patent No. 4,289,128 to Rusch issued September 1981.
- 12. U.S. Patent No. 4,323,071 to Simpson et al. issued April 1982.
- 13. U.S. Patent No. 4,359,453 to Gordon issued November 1982.
- 14. U.S. Patent No. 4,479,497 to Fogarty et al. issued October 1984.
- 15. U.S. Patent No. 4,531,943 to Van Tassel et al. issued July 1985.
- 16. U.S. Patent No. 4,545,390 to Leary issued October 1985.
- 17. U.S. Patent No. 4,554,929 to Samson et al. issued November 1985.
- 18. U.S. Patent No. 4,571,240 to Samson et al. issued February 1986.
- 19. U.S. Patent No. 4,573,966 to Weikl et al. issued March 1986.
- 20. U.S. Patent No. 4,581,017 to Sahota issued April 1986.
- 21. U.S. Patent No. 4,582,181 to Samson issued April 1986.
- 22. U.S. Patent No. 4,597,755 to Samson et al. issued July 1986.
- 23. U.S. Patent No. 4,610,241 to Gordon issued September 1986.
- 24. U.S. Patent No. 4,616,648 to Simpson issued October 1986.
- 25. U.S. Patent No. 4,702,252 to Brooks et al. issued October 1987.
- 26. U.S. Patent No. 4,743,673 to Johnston et al. issued May 1988.

- 27. U.S. Patent No. 4,748,982 to Horzewski et al. issued June 1988.
- 28. U.S. Patent No. 4,762,129 to Bonzel issued August 1988.
- 29. U.S. Patent No. 4,771,130 to Cohen issued September 1988.
- 30. U.S. Patent No. 4,799,479 to Spears issued January 1989.
- 31. U.S. Patent No. 4,807,620 to Strul et al. issued February 1989.
- 32. U.S. Patent No. 4,824,436 to Wolinsky issued April 1989.
- 33. U.S. Patent No. 4,835,258 to Hollenberg et al. issued May 1989.
- 34. U.S. Patent No. 4,846,171 to Kauphusman et al. issued July 1989.
- 35. U.S. Patent No. 4,878,492 to Sinofsky et al. issued November 1989.
- 36. U.S. Patent No. 4,895,560 to Papantonakos issued January 1990.
- 37. U.S. Patent No. 4,940,055 to Brown issued July 1990.
- 38. U.S. Patent No. 4,957,481 to Gatenby issued September 1990.
- 39. U.S. Patent No. 4,976,690 to Solar et al. issued December 1990.
- 40. U.S. Patent No. 4,994,033 to Shockey et al. issued February 1991.
- 41. U.S. Patent No. 4,977,431 to Isner et al. issued March 1991.
- 42. U.S. Patent No. 5,002,531 to Bonzel issued March 1991.
- 43. U.S. Patent No. 5,009,659 to Hamlin et al. issued April 1991.
- 44. U.S. Patent No. 5,026,367 to Leckrone et al. issued June 1991.
- 45. U.S. Patent No. 5,032,666 to Hu et al. issued July 1991.
- 46. U.S. Patent No. 5,047,025 to Taylor et al. issued September 1991.
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- 49. U.S. Patent No. 5,061,273 to Yock issued October 1991.

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- 58. U.S. Patent No. 5,126,140 to Ito et al. issued June 1992.
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- 66. U.S. Patent No. 5,197,946 to Tachibana issued March 1993.
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- 72. U.S. Patent No. 5,304,121 to Sahatjian issued April 1994.

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- 84. U.S. Patent No. 5,700,243 to Narciso, Jr. issued December 1997.
- 85. U.S. Patent No. 5,709,676 to Alt issued January 1998.
- 86. U.S. Patent No. 5,749,915 to Slepian issued May 1998.
- 87. U.S. Patent No. 5,773,308 to Conrad et al. issued June 1998.
- 88. U.S. Patent No. 5,788,678 to Van Antwerp issued August 1998.
- 89. U.S. Patent No. 5,795,581 to Segalman et al. issued August 1998.
- 90. U.S. Patent No. 5,797,887 to Rosen et al. issued August 1998.
- 91. U.S. Patent No. 5,817,144 to Gregory issued October 1998.
- 92. U.S. Patent No. 5,830,539 to Yan et al. issued November 1998.
- 93. U.S. Patent No. 5,836,940 to Gregory issued November 1998.
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- 107. Voss, Richard F., Fractals in nature: From characterization to simulation, The Science of Fractional Images, (1988) Chapter 1, pp. 39-70, Springer-Verlag, New York.

The referenced listed were previously cited in and submitted to the PTO in U.S. Patent Application Serial No. 09/692,857, filed October 20, 2000, to which the present application claims priority under 35 U.S.C. § 120 and in accordance with 37 C.F.R. § 1.98(d), copies have not been provided. However, if requested, Applicant will provide copies of the references if this will expedite examination of this application.

The filing of this Information Disclosure Statement shall not be construed as an admission that the information cited is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56.

3413-13:JVD:159344

This Statement is being submitted prior to the mailing of any Office Action on the merits. It is believed that no fee is required for consideration of the submitted items.

Should any fee be required, however, please charge such fee to Deposit Account No. 34-3030, but not to include any payment of issue fees.

Respectfully submitted,

John V. Daniluck
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Woodard Emhardt, Naughton,
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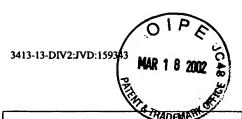
Page 1 of 7

| ATTY. DOCKET NO.     | SERIAL NO. |  |
|----------------------|------------|--|
| 3413-13              | 10/045,550 |  |
| APPLICANT            |            |  |
| Eldon H. Nyhart, Jr. |            |  |
| FILING DATE          | GROUP      |  |
| October 26, 2001     | Unassigned |  |

### **U.S. PATENT DOCUMENTS**

| *EXAMINER<br>INITIAL | DOCUMENT<br>NUMBER | DATE        | NAME              | CLASS | SUB<br>CLASS | FILING DATE |
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| HALL                 | 2,883,986          | April 1959  | De Luca et al.    |       | <u> </u>     |             |
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|                      | 3,467,101          | Sept. 1969  | Fogarty et al.    |       |              |             |
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|                      | 4,359,453          | Nov. 1982   | Gordon            |       |              |             |
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|                      | 4,531,943          | July 1985   | Van Tassel et al. |       |              | -           |
| •                    | 4,545,390          | Oct. 1985   | Leary             |       |              |             |
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|                   | 4,799,479          | Jan. 1989  | Spears            |       |              |             |
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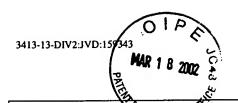
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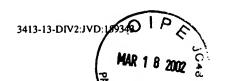
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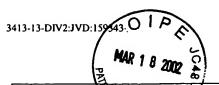
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| 5,843,073 | Dec. 1998   | Sinofsky  |   |   |   |
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| 5,845,640 | Dec. 1998   | Lawandy   |   |   |   |
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